

File 348:EUROPEAN PATENTS 1978-2003/Aug W04

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File 349:PCT FULLTEXT 1979-2002/UB=20030828,UT=20030821

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? ds

Set	Items	Description
S1	204540	FONT?? OR CHARACTER?? OR LETTERS
S2	79993	EMULAT? OR SIMULAT?
S3	70	(USING OR UTILI?) (5N) (SECOND OR ANOTHER) (5N) FONT??
S4	41	(STRIPPING OR TAKING OR EDITING) (5N) (TOP(3N)LINE? OR BOTTO- M()LINE?)
S5	0	S4(5N) (PIXEL? OR PEL OR PICTURE()ELEMENT?)
S6	11949	(PIXEL? OR PEL OR PICTURE()ELEMENT?) (3N) (PART OR PARTS OR - SECTION?? OR POINT?? OR SEGMENT?? OR PORTION?? OR FRAGMENT? OR PARTIAL)
S7	97	(GENERAT? OR CREAT? OR RENDER? OR PRODUC?) (5N) (ANOTHER OR - SECOND OR ADDITIONAL) (3N) FONT??
S8	411294	COPYING OR STORING OR STORE OR STORED
S9	2953	EIGHT(3N)FOURTEEN OR EIGHT(3N)SIXTEEN
S10	250	NINE(3N)FOURTEEN OR NINE(3N)SIXTEEN
S11	37	9X16 OR 8X14
S12	57	9X14 OR 8X14
S13	1394	(CHANG? OR REDUC? OR MINIMI? OR SHRINK? OR SHORTER? OR SMA- LLER? OR DECIMAT? OR ALTER?) (5N) FONT??
S14	9762	IC=G06T?
S15	1	S4(S)S1
S16	0	S3(S)S6
S17	0	S6(S)S7
S18	6	S6(S)S9:S12
S19	1	S18(S) (CHANG? OR REDUC? OR MINIMI? OR SHRINK? OR SHORTER? - OR SMALLER? OR DECIMAT? OR ALTER?)
S20	1	S19 NOT S15
S21	7	S13(S)S6
S22	7	S21 NOT (S19 OR S15)
S23	4	S7 AND S14
S24	4	S23 NOT (S21 OR S19 OR S15)
S25	5	S18 NOT (S19 OR S23 OR S21 OR S15)

15/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01619532

**Apparatus, method and program for breakpoint setting**  
**Einrichtung, Verfahren und Programm fur Haltepunkteinstellung**  
**Appareil, procede et programme pour definir des points d'arret**

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Kawai, Masaki, Hiramachipakuhaitu 301, 3-38-1, Hira-machi, Seto-shi,  
Aichi-Ken 489-0916, (JP)  
Kawamoto, Takuji, 2-16, Syumoku-cho, Higashi-ku, Nagoya-shi, Aichi-ken  
461-0014, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29762), A.A. Thornton & Co. 235 High  
Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 1335292 A2 030813 (Basic)

APPLICATION (CC, No, Date): EP 2003250765 030206;

PRIORITY (CC, No, Date): JP 200231372 020207

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO

INTERNATIONAL PATENT CLASS: G06F-011/36

ABSTRACT WORD COUNT: 85

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200333	1212
SPEC A	(English)	200333	8595
Total word count - document A			9807
Total word count - document B			0
Total word count - documents A + B			9807

...SPECIFICATION update, when the source code is edited to add a line feed  
character to a **top** of a **line**, the **editing** information stored in the  
acquiring unit so that each line number not less than a...

...CLAIMS unit operable to update, when the source code is edited to add a  
line feed **character** to a **top** of a **line**, the **editing**  
information stored in the acquiring unit so that each line number not  
less than a...

?

20/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00477593

Generating an image

Bilderzeugung

Generation d'image

PATENT ASSIGNEE:

PHILIPS ELECTRONICS UK LIMITED, (215201), 420-430 London Road, Croydon

CR9 3QR, (GB), (applicant designated states: GB)

Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621 BA Eindhoven

, (NL), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Winser, Paul Anthony, c/o Philips Research, Laboratories, Redhill, Surrey

RH1 5HA, (GB)

LEGAL REPRESENTATIVE:

White, Andrew Gordon et al (73162), Philips Electronics UK Limited,

Patents and Trade Marks Department, Cross Oak Lane, Redhill, Surrey RH1

5HA, (GB)

PATENT (CC, No, Kind, Date): EP 464907 A2 920108 (Basic)

EP 464907 A3 930331

EP 464907 B1 961009

APPLICATION (CC, No, Date): EP 91201580 910620;

PRIORITY (CC, No, Date): GB 9014555 900629; GB 9100452 910109

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06T-017/00;

ABSTRACT WORD COUNT: 143

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPABF1	828
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CLAIMS B	(English)	EPAB96	820
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CLAIMS B	(German)	EPAB96	766
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CLAIMS B	(French)	EPAB96	969
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SPEC A	(English)	EPABF1	6559
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SPEC B	(English)	EPAB96	6488
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Total word count - document A	7387
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Total word count - document B	9043
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Total word count - documents A + B	16430
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...SPECIFICATION the primitive edge E moves to position E' the filtered colour value remains constant at **eight** over **sixteen** . Then in the short space between E' and E'' the value jumps four levels to...

...relevant edge approaches horizontal or vertical, the N(=16) quantisation levels potentially available are effectively **reduced** to only the (radical)N(=4) so that twelve of the sixteen renditions are effectively ...

...which are regular but not aligned with the pixel rows so that projections of the **points** intersect the **pixel** axes at more than (radical)N points. The present invention is equally applicable to the...

...SPECIFICATION the primitive edge E moves to position E' the filtered colour value remains constant at **eight** over **sixteen** . Then in the short space between E' and E'' the value jumps four levels to...

...relevant edge approaches horizontal or vertical, the N(=16)

quantisation levels potentially available are effectively **reduced** to only the  $(\text{radical})N(=4)$  so that twelve of the sixteen renditions are effectively...which are regular but not aligned with the pixel rows so that projections of the **points** intersect the **pixel** axes at more than  $(\text{radical})N$  points. The present invention is equally applicable to the...

22/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01318489

**A network portal system and methods**  
**Netzwerkzugangssystem und -verfahren**  
**Portique de reseau et procede associe**

**PATENT ASSIGNEE:**

Sun Microsystems, Inc., (1392738), 901 San Antonio Road, Palo Alto,  
California 94303-4900, (US), (Applicant designated States: all)

**INVENTOR:**

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**LEGAL REPRESENTATIVE:**

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,  
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1126681 A2 010822 (Basic)

APPLICATION (CC, No, Date): EP 2001100131 010115;

PRIORITY (CC, No, Date): EP 2000100738 000114; EP 2000100211 000114; EP  
2000100740 000114; EP 2000100212 000114; EP 2000100739 000114

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-029/06; H04L-029/12

ABSTRACT WORD COUNT: 142

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200134	3891
SPEC A	(English)	200134	139489
Total word count - document A			143380
Total word count - document B			0
Total word count - documents A + B			143380

...SPECIFICATION Changes Event to interface XChangesListeners. A changes  
event again contains a set of interface XChangesSet **change**  
descriptions. An interface XChangeListener registered for a composite  
registry node, is notified of any change...

...interested in only a single registry entry).

**Additional Interfaces of API 1511**

The initial access **point** for configuration server is a service  
ConfigurationProvider. Service ConfigurationProvider implements  
interfaces to control the connection...

22/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00287854

**Display system with symbol font memory.**

**Anzeigeeinrichtung mit einem Schriftartspeicher für Symbole.**

**Système de visualisation pour une mémoire de police de symboles.**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Clarke, David Andrew, 6 Chiddenhold, Chandlers Ford, Eastleigh Hampshire  
SO5 3RJ, (GB)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual  
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 284904 A2 881005 (Basic)

EP 284904 A3 900919

EP 284904 B1 931027

APPLICATION (CC, No, Date): EP 88104227 880317;

PRIORITY (CC, No, Date): GB 8707849 870402

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G09G-001/16; G09G-005/22; G09G-005/36;

ABSTRACT WORD COUNT: 228

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	450
CLAIMS B	(German)	EPBBF1	405
CLAIMS B	(French)	EPBBF1	522
SPEC B	(English)	EPBBF1	4710
Total word count - document A			0
Total word count - document B			6087
Total word count - documents A + B			6087

...SPECIFICATION from the general purpose RAM to the off-screen storage  
part of the display buffer. A **pointer** 38, which is held in general  
purpose RAM, is set to point to the location...

...screen part of the display buffer, the copying of the symbol table each  
time a **font change** occurs is very time consuming. This presents a  
significant system overhead when many **font changes** are required, for  
example in desk top publishing applications and other document  
preparation applications.

Figure...

22/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00984070 \*\*Image available\*\*

**PRINTING CARTRIDGE WITH BARCODE IDENTIFICATION**

**CARTOUCHE D'IMPRESSION A IDENTIFICATION DE CODE A BARRES**

Patent Applicant/Assignee:

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states except: US)

Patent Applicant/Inventor:

SILVERBROOK KIA, Silverbrook Research Pty Ltd, 393 Darling Street,  
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(Designated only for: US)

Legal Representative:

SILVERBROOK KIA (agent), Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200313866 A1 20030220 (WO 0313866)

Application: WO 2002AU921 20020709 (PCT/WO AU0200921)

Priority Application: US 2001922158 20010806

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 141851

Fulltext Availability:

Detailed Description

Detailed Description

... structured scenes.

This tolerance of low resolution image sensors may be a significant factor in **reducing** the manufacturing cost of an Artcarn unit 1 camera. An Artcarn with a low cost...level Int(Z)

The pixel at [Int(X)+I, Int(Y)], level Int(Z)

The **pixel** at [Int(X), Int(Y)+1], level Int(Z)

The pixel at [Int(X)+1...are linked to Write Iterators require the X and/or Y coordinates of the current **pixel** being processed in **part** of the processing pipeline. Particular processing may also need to take place at the end...188 for a multi-cycle generation.

Generate Sequential rX, YJ

When a process is processing **pixels** in sequential order according to the Sequential Read Iterator (or generating pixels and writing them... associated MIN) are not included in, the general timing statistics because they are not really **part** of the per **pixel** timing. However they do need ...57 pixels high (19 dots) we can be sure that at least 9.5 black **pixels** will be read in the same column by the CCD (worst case is half the...a further 15 black dots (45 pixels) 15 columns of 31 black dots each (45 **pixel** width columns of 93 pixels) Detect targets

Targets are detected by reading columns of **pixels** , one column at a time rather than by detecting dots. It is necessary to look...

...a given band for a number of columns consisting of large numbers of contiguous black **pixels** to build up the left side of a target. Next, it is expected to see...center.

Eight cache lines are required for good cache performance on the reading of the **pixels** . Each logical read fills 4 cache lines via 4 sub-reads while the other 4...column will be valid for 171 pixel rows (3\*57). As a byte contains 2 **pixels** , the number of bytes valid in each buffered read (4 cache lines) will be a...Active region 3208 dots 3 pixel columns 168 pixel columns

Data block 394 dots 3 **pixel** columns 21 **pixel** columns

To read an entire alternative Artcard, we need to read 87 mm (86mm + Inim

```

...6 * 1152
if (pixel < 0)
pixel = 0
for (i=0; i<6; i++)
I
endPixel = pixel + 1152
segment [i].MaxPixel = NLAX-PL'KEL-BOUND
segment [i].SetBounds( pixel , endPixel)
pixel = endPixel
I
The MaxPixel value is defined in Process 3, and the SetBounds...Can be
one of.

```

LookingForTargets  
 ExtractingBithnage  
 Initial value is LookingForTargets  
 Used during LookingForTargets.

StartPixel Upper **pixel** bound of **segment** . Initially set by Process 2.

EndPixel Lower **pixel** bound of **segment** . Initially set by Process 2  
 MaxPixel The maximum pixel number for any scanline.

It is set to the same value for each **segment** : 10,866.

CurrentColumn **Pixel** column we're up to while looking ...a single target (target number 2) is as previously shown in Fig. 54.

From a **pixel point** of view, a target can be identified by.

```

Left black region, which is a number...Color @ white) && (S 1.Color
==black))
do
keepTrying FALSE
if
(target NULL)
(target->AddToTarget(Column, pixel , S1, S2, S3))
if (target->CurrentState = IsATarget)
Remove target from PossibleTargets List
Add target to...Column = centerColumn
Target.Pixel = centerPixel
At the end of this process the target center coordinates point to the
whitest pixel of the target, which should be within one pixel of the
actual center. The process...met.

```

Locating the targets  
 Targets are located by reading pixels within the bounds of a **pixel** column. Each **pixel** is read once at most.

Assuming a run-length encoder that operates fast enough, the...per target is therefore  $144 + 960 + 49 = 1153$ , which is approximately the same number of **pixels** in a column of **pixels** (1152). Thus each target evaluation consumes the time taken by otherwise processing a row of pixels ...streams.

Each cycle the multiply ALU can perform one multiply/add to incorporate the appropriate **part** of a **pixel** . The number of cycles taken to sum up all the values is therefore the number...table 365. The result of this process will give the location of an input image **pixel** in a "theoretical" image which will be dimensioned by the size of each data



value...address 2.

Nmicrocode address 4 is used at the end, when there are no more **pixels** to be read.

Stage 1 takes 256 cycles, or 2560ns. Stage 2 varies according to...in an average time of 1 cycle per output pixel. The output from this sub- **pixel** translation 440 is fed to an adder 441 where it is added to 1/4...In this texture application algorithm, the average height under the tile is computed, and each **pixel** 's height is compared to the average height. If the

22/3,K/4 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00777047

**METHODS AND APPARATUS FOR FILTERING AND CACHING DATA REPRESENTING IMAGES  
PROCEDES ET DISPOSITIF DE FILTRAGE ET DE MISE EN ANTEMEMOIRE DE DONNEES  
REPRESENTANT DES IMAGES**

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US  
(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

NYDEGGER Rick D, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200110112 A2 20010208 (WO 0110112)

Application: WO 2000US20663 20000728 (PCT/WO US0020663)

Priority Application: US 99364647 19990730

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20356

Fulltext Availability:

Detailed Description

Detailed Description

... bloating is applied to all characters of a font which is subject to bloating.

Most **fonts** **change** stem widths from one to two **pixels** at **point** sizes in the range of 12-16 points. In the case of Courier New, a thin stem character font subject to the gay **font** problem discussed above, stem widths **change** from one pixel in width to two pixels in width at about a point size...

22/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00776190 \*\*Image available\*\*  
ADJUSTING CHARACTER DIMENSIONS TO COMPENSATE FOR LOW CONTRAST CHARACTER  
FEATURES  
REGLAGE DES DIMENSIONS DES CARACTERES POUR COMPENSER LES CARACTERISTIQUES A  
FAIBLE CONTRASTE DE CES CARACTERES  
Patent Applicant/Assignee:  
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US  
(Residence), US (Nationality)  
Inventor(s):  
PLATT John C, 2109 130th Place SE, Bellevue, WA 98005, US,  
DRESEVIC Bodin, 1039 145th Place SE, Bellevue, WA 98007, US,  
Legal Representative:  
NYDEGGER Rick D (et al) (agent), Workman, Nydegger & Seeley, 1000 Eagle  
Gate Tower, 60 East South Temple, Salt Lake City, UT 84111, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200109736 A1 20010208 (WO 0109736)  
Application: WO 2000US20611 20000728 (PCT/WO US0020611)  
Priority Application: US 99364647 19990730; US 2000565217 20000505  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 13294

Fulltext Availability:  
Detailed Description

Detailed Description  
... bloating is applied to all characters of a font which is subject to  
bloating.

Most **fonts change** stem widths from one to two **pixels** at **point**  
sizes in the range of 12-16 points. In the case of Courier New, a thin  
stem character font subject to the gray **font** problem discussed above,  
stem widths **change** from one pixel in width to two pixels in width at  
about a point size...

22/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00530625 \*\*Image available\*\*  
SYSTEM FOR VISUALIZING ITEMS IN USER-PROVIDED ENVIRONMENT  
SYSTEME DE VISUALISATION D'ITEMS DANS UN ENVIRONNEMENT FOURNI PAR  
L'UTILISATEUR  
Patent Applicant/Assignee:  
VISUAL APPLICATIONS INC,  
Inventor(s):

SALAS Richardo,  
DREIS Roberta L,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9961977 A1 19991202  
Application: WO 99US11624 19990526 (PCT/WO US9911624)  
Priority Application: US 9887670 19980527  
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 107504  
Fulltext Availability:  
Detailed Description

Detailed Description

... of the at least one item images as displayed on the screen; and to  
appropriately **alter** the "see through" characteristics of the two of the  
at least one item images upon...Rnd \* sprayArea.X; m-PixelsY = Rnd \*  
sprayArea.Y; 3 5 Loop Until fn-nMDI.picSprayMask. **Point** (m- **PixelsX** , m-  
**PixelsY** ) = RGB(0, 255, 0); m-PixelsX = CInt(m PixelsX +  
48  
sprayULC.X)'/ Screen.TwipsPerPixelX); m...Pixels; Do; nLPixelsX = Rnd \*  
sprayArea.X; m -PixelsY = Rnd \* sprayArea.Y; Loop Until  
fnnMDI.picSprayMask. **Point** (rn. **PixelsX** , m- **PixelsY** ) = RGB(0, 255, 0);  
m-PixelsX = CInt(m.PixelsX + sprayULC.X)'/ Screen.TwipsPerPixelX);  
rn-PixelsY...Do;  
m-PixelsX = Rnd \* sprayArea.X; m-PixelsY = Rnd \* sprayArea.Y; Loop Until  
fnnMDI.picSprayMask. **Point** (m. **PixelsX** , m- **PixelsY** ) = RGB(0, 255, 0);  
rn-PixelsX = CInt(m-PixelsX + sprayULC.X)'/ Screen.TwipsPerPixelX); m  
PixelsY...

22/3,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00266090

COMPLEX DOCUMENT SECURITY

SECURITE DE DOCUMENTS COMPLEXES

Patent Applicant/Assignee:

THE COMMONWEALTH OF AUSTRALIA,  
ANDERSON Mark Stephen,  
YESBERG John Desborough,  
POPE Michael,  
NAYDA Lisa,  
HAYMAN Ken,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 9414259 A1 19940623  
Application: WO 93AU645 19931214 (PCT/WO AU9300645)  
Priority Application: AU 926312 19921214

Designated States: AT AU BB BR CA CH DE DK ES FI GB HU JP KP KR LK LU MG MN  
MW NL NO NZ PL PT RU SD SE US VN AT BE CH DE DK ES FR GB GR IE IT LU MC  
NL PT SE

Publication Language: English

Fulltext Word Count: 7708

Fulltext Availability:

Detailed Description

Detailed Description

... document of lower classification. Concealment can occur, by way of example, by changing only some **part** of the **pixel** array of an intended image to form an image which is designed not to be...

...extracted, information classified at a higher level than the image. In an example using text, **fonts** can be **changed** in a way subtle to the eye which can conceal words, figures and symbols which...

?

24/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00693841

**Character processing apparatus and method**  
**Anordnung und Verfahren zur Verarbeitung von Zeichenmustern**  
**Dispositif et methode de traitement de caracteres**

**PATENT ASSIGNEE:**

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,  
Tokyo, (JP), (Proprietor designated states: all)

**INVENTOR:**

Amano, Hiroyuki, c/o Canon Kabushiki Kaisha, 30-2, 3-chome Shimomaruko,  
Ohta-ku, Tokyo, (JP)

**LEGAL REPRESENTATIVE:**

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. High Holborn  
2-5 Warwick Court, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 661669 A2 950705 (Basic)

EP 661669 A3 960131

EP 661669 B1 010228

APPLICATION (CC, No, Date): EP 94309752 941223;

PRIORITY (CC, No, Date): JP 93354303 931230; JP 94310549 941214

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06T-011/00 ; G06T-011/20

ABSTRACT WORD COUNT: 175

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	1847
CLAIMS B	(English)	200109	1298
CLAIMS B	(German)	200109	1102
CLAIMS B	(French)	200109	1504
SPEC A	(English)	EPAB95	12377
SPEC B	(English)	200109	12383
Total word count - document A			14226
Total word count - document B			16287
Total word count - documents A + B			30513

INTERNATIONAL PATENT CLASS: G06T-011/00 ...

... G06T-011/20

...CLAIMS means for generating control point data in an outline format on  
the basis of the **font** data in the stroke format;  
**second generation** means for **generating** outline coordinate  
data constituting an outline on the basis of the control point data  
in...step of generating control point data in an outline format on  
the basis of the **font** data in the stroke format;  
**second** step of **generating** outline coordinate data  
constituting an outline on the basis of the control point data in...

24/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00675283

METHOD AND SYSTEM FOR CREATING, SPECIFYING, AND GENERATING PARAMETRIC FONTS  
VERFAHREN UND SYSTEM ZUR ERZEUGUNG, SPEZIFIZIERUNG UND GENERIERUNG VON  
PARAMETRISCHEN SCHRIFTARTEN

PROCEDE ET SYSTEME DE CREATION, DETERMINATION ET GENERATION DE MANIERE  
PARAMETRIQUE DE POLICES DE CARACTERES

PATENT ASSIGNEE:

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WA 98101, (US), (Proprietor designated states: all)

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98107-3749, (US)

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Edgbaston, Birmingham B16 9PW, (GB)

PATENT (CC, No, Kind, Date): EP 671037 A1 950913 (Basic)

EP 671037 A1 951227

EP 671037 B1 010912

WO 9429782 941222

APPLICATION (CC, No, Date): EP 94920151 940610; WO 94US6571 940610

PRIORITY (CC, No, Date): US 75039 930610

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/21; **G06T-011/20**

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200137	2762
CLAIMS B	(German)	200137	2587
CLAIMS B	(French)	200137	3291
SPEC B	(English)	200137	15357

Total word count - document A 0

Total word count - document B 23997

Total word count - documents A + B 23997

...INTERNATIONAL PATENT CLASS: **G06T-011/20**

...SPECIFICATION appropriate characters. If the font is not available, the  
operating system may attempt to substitute **another** available typeface.

The **font creation** and distribution process can be described as a  
sequence of operations applied to an initial...storage space for each  
font. Again, none of the prior art has this capability.

An **additional** desirable feature of the **font creation / generation**  
system would be the ability to easily extend character generation  
instructions to include new glyph...in hardware.

In accordance with a first aspect, the present invention provides a  
method for **creating** and/or specifying any of a plurality of different  
**fonts** on a computer that can be **generated** on **another** computer,  
comprising the steps of:

(a) defining universal **font generation** rules that include:

(i) instructions for computing variables used universally to specify each of the...

...of a new font, but can be applied to changing the characters of an existing **font** to **create** a new **font** .

In accordance with the **second** aspect, the present invention provides a method for generating characters of a selected font on...

...an application is running on the computer, and the application determines one or more outline **font** characters to be **generated** . In **another** embodiment of the invention, an operating system used by the computer executes the **font generation** program and provides the parametric **font** data to the **font generation** program to **generate** a **font** . In still **another** embodiment, an application running on the computer executes the font generation program and provides the to select a font and thereby accesses the font parametric data for the **font** that is selected. The same **font generation** program and universal **font generation** file are used for each such selected **font** .

In **another** embodiment, the **font generation** program is executed as a background task, to display characters of the selected font on... limited by the number of measurements in the set E.

As noted above, there are **additional** requirements that should be satisfied by an ideal **font** supply system, including:

1. The **font generation** operator, G, should be able to **generate** characters from the digital data, D, much faster than the fastest human typist, and ideally...font, the Terafont data space can be stored or cached for later use when the **font** engine is reactivated to **generate another** character.

#### 6. Terafont Functions

Each character routine uses the global variables and synthesizes a single...by the user to further edit the font parameters to more precisely replicate an existing **font** , or to make **additional** refinements to a newly **created font** . If the character outlines require modification, the logic returns to block 192 to allow editing...

#### ...CLAIMS B1

1. A method for **creating** and/or specifying any of a plurality of different **fonts** on a computer that can be **generated** on **another** computer, comprising the steps of:
  - (a) defining universal **font generation** rules that include:
    - (i) instructions for computing variables used universally to specify each of the...

24/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00828897

#### IMAGE TRANSFER MATRIX

#### MATRICE DE TRANSFERT D'IMAGE

Patent Applicant/Assignee:

PROMOORDER COM, 12708 Riata Vista Circle, Suite A124, Austin, TX 78727,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

GILES Conley Wilson, 127 Cold Springs Drive, Georgetown, TX 78628, US, US  
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GINDRUP Thomas Alan Jr, 2801 Wells Branch Pkwy #2318, Austin, TX 78728,

US, US (Residence), US (Nationality), (Designated only for: US)  
Legal Representative:  
MEYER George R (agent), Gray Cary Ware & Freidenrich LLP, 1221 S. MoPac  
Expressway, Suite 400, Austin, TX 78746-6875, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200161649 A2-A3 20010823 (WO 0161649)  
Application: WO 2001US4993 20010215 (PCT/WO US0104993)  
Priority Application: US 2000182701 20000215  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 18246

Main International Patent Class: G06T-015/20  
International Patent Class: G06T-005/00  
Fulltext Availability:  
Detailed Description

Detailed Description  
... by the character (as is typically seen with conventional typewriters  
or using a courier-style **font** ).

The **product** image table may include **additional** information. The  
folder can have a list of various image sizes (a list order) and...

24/3,K/4 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00315094  
**APPARATUS AND METHODS FOR CREATING AND USING PORTABLE FONTS**  
**PROCEDES ET DISPOSITIFS DE CREATION ET D'UTILISATION DE POLICES DE**  
**CARACTERES PORTABLES**  
Patent Applicant/Assignee:  
BITSTREAM INC,  
Inventor(s):  
COLLINS John S,  
GOLDWATER Mark H,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9533247 A1 19951207  
Application: WO 95US6923 19950524 (PCT/WO US9506923)  
Priority Application: US 94250372 19940527  
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU  
IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 20251

Main International Patent Class: G06T-011/20  
Fulltext Availability:  
Detailed Description



#### Detailed Description

... With these features, it can be seen that the invention would enable virtually any document **created** with virtually any **font** to be accurately reproduced on **another** computer which does not contain the original font descriptions from which it was created.

The...the current fontCode. Once this has been done step 276 checks to see if the **second** computer's **font** interpreter 120A and **font** resources 122A can **render** images of characters in that **font**. This requires both that the font interpreter 102A be able to interpret the font description...

?

25/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00475473

**System and method for achieving gray scale operation of a deformable mirror device**

**System und Verfahren zur Erzielung eines Grautonbetriebs einer Vorrichtung mit verformbarem Spiegel**

**Système et procede d'obtention d'un fonctionnement d'echelle de gris d'un dispositif a miroir deformable**

PATENT ASSIGNEE:

TEXAS INSTRUMENTS INCORPORATED, (279070), 13500 North Central Expressway,  
Dallas Texas 75265, (US), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:

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LEGAL REPRESENTATIVE:

Leiser, Gottfried, Dipl.-Ing. et al (7511), Prinz & Partner, Manzingerweg  
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PATENT (CC, No, Kind, Date): EP 493742 A2 920708 (Basic)  
EP 493742 A3 921007  
EP 493742 B1 971112

APPLICATION (CC, No, Date): EP 91121641 911217;

PRIORITY (CC, No, Date): US 636056 901231

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: H04N-001/40; H04N-001/036;

ABSTRACT WORD COUNT: 76

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9711W1	427
CLAIMS B	(German)	9711W1	404
CLAIMS B	(French)	9711W1	488
SPEC B	(English)	9711W1	2989
Total word count - document A			0
Total word count - document B			4308
Total word count - documents A + B			4308

...SPECIFICATION or more discharged, depending upon what sequence the processor system chooses to submodulate the individual **pixel segments**. If more resolution is desired, then the system can be divided into **eight** segments or perhaps **sixteen**. Four segments is a selected number because it is compatible with the address structure on...

25/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00464496

**Image data control apparatus and display system**

**Bilddatensteuergerat und Anzeigesystem**

**Appareil de commande de donnees d'image et systeme d'affichage**

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,  
Tokyo, (JP), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Mizutome, Atsushi, c/o Canon Kabushiki Kaisha, 30-2, 3-chome,

Shimomaruko, Ohta-ku, Tokyo, (JP)  
Yuki, Osamu, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)  
Inoue, Hiroshi, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Pellmann, Hans-Bernd, Dipl.-Ing. et al (9227), Patentanwaltsburo  
Tiedtke-Buhling-Kinne & Partner Bavariaring 4, 80336 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 464555 A2 920108 (Basic)  
EP 464555 A3 921223  
EP 464555 B1 960918  
APPLICATION (CC, No, Date): EP 91110370 910624;  
PRIORITY (CC, No, Date): JP 90167641 900625  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE  
INTERNATIONAL PATENT CLASS: G09G-003/36;  
ABSTRACT WORD COUNT: 54

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	549
CLAIMS B	(English)	EPAB96	375
CLAIMS B	(German)	EPAB96	329
CLAIMS B	(French)	EPAB96	429
SPEC A	(English)	EPABF1	4809
SPEC B	(English)	EPAB96	4852
Total word count - document A			5358
Total word count - document B			5985
Total word count - documents A + B			11343

...SPECIFICATION times are executed. The numbers of tones which can be displayed are also increased to **eight** levels and **sixteen** levels (simple luminance calculation). As shown in Fig. 8, the data in the data conversion palette RAM 24 directly corresponds to the ON/OFF data of each **pixel** in the **segment** (information line) direction on the display panel 11 in a 1 : 1 corresponding relation.

With...

...SPECIFICATION times are executed. The numbers of tones which can be displayed are also increased to **eight** levels and **sixteen** levels (simple luminance calculation). As shown in Fig. 8, the data in the data conversion palette RAM 24 directly corresponds to the ON/OFF data of each **pixel** in the **segment** (information line) direction on the display panel 11 in a 1 : 1 corresponding relation.

With...

25/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00453592

COLOR DIGITAL HALFTONING WITH VECTOR ERROR DIFFUSION  
DIGITALES HALBTONVERFAHREN FUR FARBBILDER MIT VEKTORFEHLERDIFFUSION  
METHODE DEMI-TEINTE NUMERIQUE DE COULEURS PAR DIFFUSION D'ERREUR  
VECTORIELLE

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York  
14650-2201, (US), (applicant designated states: DE;FR;GB)  
INVENTOR:

SULLIVAN, James, R., 64 Webster Road, Spencerport, NY 14559, (US)  
MILLER, Rodney, L., 40 Barry Road, Rochester, NY 14617, (US)  
WETZEL, Thomas, J., 67 North Hampton Circle, Rochester, NY 14612, (US)  
LEGAL REPRESENTATIVE:

Parent, Yves et al (17681), KODAK INDUSTRIE Departement Brevets - CRT  
Zone Industrielle B.P. 21, 71102 Chalon-sur-Saone Cedex, (FR)  
PATENT (CC, No, Kind, Date): EP 495914 A1 920729 (Basic)

EP 495914 B1 941214

WO 9106174 910502

APPLICATION (CC, No, Date): EP 90916647 901001; WO 90US5491

PRIORITY (CC, No, Date): US 419559 891010

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-001/46

NOTE:

No A-document published by EPO  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9708W5	211
CLAIMS B	(German)	9708W5	184
CLAIMS B	(French)	9708W5	267
SPEC B	(English)	9708W5	3629
Total word count - document A			0
Total word count - document B			4291
Total word count - documents A + B			4291

...SPECIFICATION weighted with past errors 54 to produce the weighted error vector e for the next **pixel** .

In **a** further refinement, the transformed color signals  $vi,j)) (k)$  are filtered 56 to detect edge...

...detection can be accomplished, for example, with a 3x3 digital filter 60 having coefficient weights **as** shown, **followed** by a threshold detection step 62. Adetection step of 5-10 counts out of 256...

**25/3,K/4 (Item 4 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00199755

**Variable access frame buffer memory.**

**Bildpufferspeicher mit variablem Zugriff.**

**Memoire tampon d'image a acces variable.**

PATENT ASSIGNEE:

TEKTRONIX, INC., (463989), Corporate Headquarters, 26600 S.W. Parkway,  
Wilsonville, Oregon 97070-1000, (US), (applicant designated states:  
DE;FR;GB;NL)

INVENTOR:

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(US)

LEGAL REPRESENTATIVE:

Weickmann, Heinrich, Dipl.-Ing. et al (12833), Patentanwalte H.Weickmann,  
Dr. K.Fincke F.A. Weickmann, B. Huber Dr. H. Liska, Dr. J. Prechtel  
Kopernikusstrasse 9 Postfach 86 08 20, W-8000 Munchen 86, (DE)

PATENT (CC, No, Kind, Date): EP 197412 A2 861015 (Basic)

EP 197412 A3 891108

EP 197412 B1 921230

APPLICATION (CC, No, Date): EP 86104014 860324;

PRIORITY (CC, No, Date): US 720662 850405

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G09G-001/16;  
ABSTRACT WORD COUNT: 159

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	465
CLAIMS B	(German)	EPBBF1	406
CLAIMS B	(French)	EPBBF1	565
SPEC B	(English)	EPBBF1	7371
Total word count - document A			0
Total word count - document B			8807
Total word count - documents A + B			8807

...SPECIFICATION bus 24 and circuit 40 switches the state of multiplexer 42 such that the eight **bit** row address **portion** of the sixteen bit address is passed to the address input terminals of every RAM...

...a write cycle. Thus in the plane select write mode one corresponding bit of up to **sixteen** similarly addressed pixels may be accessed in one write cycle.

To operate in a pixel...

25/3,K/5 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00207472 \*\*Image available\*\*

#### IMPROVED MEMORY SYSTEM

#### SYSTEME DE MEMOIRE AMELIORE

Patent Applicant/Assignee:

HYATT Gilbert P,

Inventor(s):

HYATT Gilbert P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9204673 A1 19920319

Application: WO 91US6285 19910903 (PCT/WO US9106285)

Priority Application: US 9041 19900904

Designated States: AT BE CA CH DE DK ES FR GB GR IT JP KR LU NL SE

Publication Language: English

Fulltext Word Count: 137004

Fulltext Availability:

Detailed Description

#### Detailed Description

... respons ive to execution of a computer instruction can be implemented by detecting a suitable **portion** of an instruction execution period, such as detecting selected micro-operations of an instruction, that...

...significantly longer instruction execution micro-operations, such as multiple and divide instructions which may have **eight** or **sixteen** instruction execution micro-operations that do not access main memory and hence leaves time available...adder 450A, and multiplexer 450D can readily be reduced or expanded to accommodate five, six, **eight** , **sixteen** , sixty-four, or other number of overflow detector signals. For configurations having less re-addressing...circuits 451H to 451M, and comparator 422 can readily be expanded to accommodate five, six, **eight** , **sixteen** , sixty-four, or other number of